

Claims

1. An underwater craft comprising at least one buoyancy body of variable water displacement, a drive supplied by an energy source, and rudders, wherein two interconnected hull sections (1) exist in the form of a catamaran, which serve as a deck for two divers (11), each of which serves to accommodate a high-pressure compressed air bottle (3), that at least one automatic demand air system is exists which is supplied by the compressed air bottles (3), in order to supply a diver (11) with oxygen, and that the buoyancy bodies as buoyancy chambers (4, 5) can be supplied with compressed air from the compressed air bottles (3) via control valves for the purpose of aerating and deaerating.

2. The underwater craft of claim 1, wherein a preferably flow-enhancing shape with a front cowl (14), which, in order to divert the flow pressure from the divers at least in the front section of the deck (10), is formed as a transparent cowl (14) which vaults the instrument panel (27).

3. The underwater craft of claim 2, wherein the cowl (14) at its open end at least in sections is provided with an exhaust tube (30) via which preferably the entire exhaust air can be discharged.

4. The underwater craft of claims 1 to 4, wherein the housing sections connecting the hull sections (1), apart from the buoyancy chambers (4, 5) disposed port and starboard, comprise a battery compartment (12), between said two chambers, which can be shut airtight by means of a cover (13), in which the deck (10) and the cover (13) form the cover plate of the underwater craft.

5. The underwater craft of claim 4, wherein the two hull sections (1) in their lower area are vaulted to accommodated the compressed air bottles (3), and that the buoyancy chambers (4, 5) are positioned above the compressed air bottle (3), extending up to the cover plate (10).

6. The underwater craft of claims 4 or 5, wherein the deck (10) is provided with means for holding the divers (11).

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7. The underwater craft of claim 6, wherein T-shaped double hooks (24) serve as holding means, the open ends of which preferably are bent downward, and that preferably these double hooks (24) are affixed to the craft in the area of the lower leg of the diver (11).

8. The underwater craft of one of the claims 4 to 7, wherein the deck (10) comprises a shape which is adapted to the anatomy of the diver (11).

9. The underwater craft of one of the Preceding claims, wherein the underwater craft is provided with additional containers or compartments for transporting objects, especially tools.

10. The underwater craft of one of the Preceding claims, wherein skids (7) are placed at the underside of the hull sections (1).

11. The underwater craft of one of the Preceding claims, wherein the hull comprises luminous color.

12. The underwater craft of one of the Preceding claims, wherein control means exist which preferably can be manipulated by the instrument panel (27) and the diver (11), in order to aerate and deaerate the buoyancy chambers (4, 5), and for adjusting a rudder device.

13. The underwater craft of claim 12, wherein the compressed air from the compressed air bottle (3) is used for operating the rudders (17, 18).

14. The underwater craft of claims 12 or 13, wherein the control means effect an automatic reset of the rudders (17, 18).

15. The underwater craft of one of the claims 12 to 14, wherein the rudders (vertical rudder 17 and elevator 18) are mechanically adjustable by hand.

16. The underwater craft of one of the Preceding claims, wherein two lamps (28) are provided at the bow of the craft.

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